VANGUARD 340 and 342
Software Advisory Notice
Release 6.3.T01A

Introduction

This notice describes the Release 6.3 Vanguard 340 and 342 ISDN (Data or Voice) Configuration Changes. Software Patch 6.3.T01A was created to fix a conversion problem. AUTOMATIC CMEM CONVERSION was not working properly for ISDN B Channel Port Configurations.

6.3.R000 ISDN Software Enhancements

Enhancements were made in the software's ISDN support capabilities for the Vanguard 340 and 342. In order to support these new capabilities, it was necessary to move ISDN Data configurations (both S/T and U) from physical ports to virtual ports. To ease this process, for upgrades from an earlier revision of software (for example Release 6.1, or 6.2) a utility was included in the Release 6.3 Software (when ISDN is included in the image and ISDN CMEM records are present) which converts these physical ports and associated configuration items automatically. Unfortunately, the conversion did not work properly and as a result, configuration items for the second B channel, items in the route selection, PVC, and switched services tables were not properly converted. This incorrect processing did however, update the associated CMEM records. In the event ISDN is present, It is therefore recommended that the existing CMEM be saved, before upgrading to Release 6.3.

Workaround and Patch 6.3.T01A

Reconfigure the virtual ports and all associated table items manually, or in the event that the existing or previous release CMEM is still available, contact your Vanguard Managed Solutions Customer Service Representative and request the following Software Patch; 6.3.T01A. This patch remedies the above conversion problem. In both instances when configured properly the above ISDN data ports will function consistent with the previous releases.

Physical Port to Virtual Port

The Physical Port Configuration record does not move to a virtual port after loading and saving 6.2 CMEM. (CR 12857)

When upgrading a 340 with a ISDN BRI data card (either ST or U) in slot 1:
1) 2nd B channel port must be manually configured
2) If a B channel is configured as either frame relay or X.25:
    a) Route Selection table entries related to either B channel must be modified to the updated port number(s)
    b) Switched service entries related to either B channel must be modified to their updated port number(s)

3) If a B channel is used for PPP the PVC table entry must be modified to the updated port number(s)

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